

Cookie and Cracker Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
311821, Cookie and cracker manufacturing	2002..	351	37 880	1 341 726	29 274	57 303	913 766	7 351 981	3 055 476	10 386 886	'220 051
	2001..	N	39 556	1 289 069	31 129	59 721	882 379	7 286 028	3 235 527	10 519 185	321 842
	2000..	N	39 655	1 299 674	30 629	58 843	884 858	7 214 118	3 165 933	10 383 544	310 919
	1999..	N	40 107	1 321 344	30 943	60 515	924 067	6 978 132	3 286 050	10 281 832	426 126
	1998..	N	42 189	1 312 905	32 726	62 675	918 696	6 704 585	3 566 480	10 288 806	340 810
	1997..	322	42 804	1 343 993	32 912	65 151	920 690	6 366 872	3 518 363	9 889 921	300 040

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
311821, Cookie and cracker manufacturing												
United States	2	351	147	37 880	1 341 726	29 274	57 303	913 766	7 351 981	3 055 476	10 386 886	'220 051
California	1	60	18	1 729	70 829	1 262	2 177	36 857	392 060	140 435	530 985	'10 430
Florida	1	12	4	535	14 011	400	579	6 674	34 823	29 039	63 665	'1 435
Georgia	6	12	8	2 982	108 681	2 450	4 548	79 664	847 870	285 148	1 134 163	'19 546
Illinois	1	25	17	4 734	175 461	3 848	7 123	125 055	1 193 298	417 627	1 611 756	'27 797
Kentucky	4	8	5	2 366	69 080	2 129	4 574	56 667	309 175	185 730	495 719	'21 121
New Jersey	—	16	6	2 156	80 094	1 759	3 446	57 895	520 602	202 172	720 240	'16 626
Ohio	3	13	8	3 108	108 239	2 820	5 531	92 318	728 095	272 066	1 000 207	'12 677
Oregon	—	7	3	643	29 583	484	1 000	23 685	200 606	94 388	293 738	'2 419
Pennsylvania	1	22	12	3 705	144 615	3 118	6 756	111 763	868 574	325 060	1 183 180	'20 840
Texas	4	15	3	363	8 560	240	535	4 652	28 368	21 257	49 643	'894

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
311821, Cookie and cracker manufacturing	
Companies ¹	number.. 292
All establishments ²	number.. 351
Establishments with 1 to 19 employees	number.. 204
Establishments with 20 to 99 employees	number.. 68
Establishments with 100 employees or more	number.. 79
All employees ³	number.. 37 880
Total compensation	\$1,000.. 1 747 900
Annual payroll	\$1,000.. 1 341 726
Total fringe benefits	\$1,000.. 406 174
Production workers, average for year	number.. 29 274
Production workers on March 12	number.. 29 190
Production workers on May 12	number.. 28 486
Production workers on August 12	number.. 29 654
Production workers on November 12	number.. 29 742
Production worker hours	\$1,000.. 57 303
Production worker wages	\$1,000.. 913 766
Total cost of materials	\$1,000.. 3 055 476
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 537 386
Resales	\$1,000.. 409 877
Purchased fuels	\$1,000.. 43 993
Purchased electricity	\$1,000.. 56 989
Contract work	\$1,000.. 7 231
Quantity of electricity purchased for heat and power	1,000 kWh.. 962 000
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 966
Total value of shipments	\$1,000.. 10 386 886
Primary products value of shipments	\$1,000.. 8 924 177
Secondary products value of shipments	\$1,000.. 586 746
Total miscellaneous receipts	\$1,000.. 875 963
Value of resales	\$1,000.. 873 660
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 94
Value of primary products shipments made in all industries	\$1,000.. 9 351 041
Value of primary products shipments made in this industry	\$1,000.. 8 924 177
Value of primary products shipments made in other industries	\$1,000.. 426 864
Coverage ratio	percent.. 95
Value added	\$1,000.. 7 351 981
Total inventories, beginning of year	\$1,000.. 432 548
Finished goods inventories	\$1,000.. 256 187
Work-in-process inventories	\$1,000.. 3 427
Materials and supplies inventories	\$1,000.. 172 934
Total inventories, end of year	\$1,000.. 497 786
Finished goods inventories	\$1,000.. 277 177
Work-in-process inventories	\$1,000.. 3 008
Materials and supplies inventories	\$1,000.. 217 601
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '4 216 578
Total capital expenditures (new and used)	\$1,000.. '220 051
Buildings and other structures (new and used)	\$1,000.. '28 954
Machinery and equipment (new and used)	\$1,000.. '191 097
Automobiles, trucks, etc., for highway use	\$1,000.. '4 115
Computers and peripheral data processing equipment	\$1,000.. '8 814
All other expenditures for machinery and equipment	\$1,000.. '178 168
Total retirements	\$1,000.. '111 838
Gross value of depreciable assets at end of year	\$1,000.. '4 324 791
Depreciation charges during year	\$1,000.. '275 116
Total rental payments	\$1,000.. 44 895
Buildings and other structures	\$1,000.. 27 316
Machinery and equipment	\$1,000.. 17 579
Total other expenses ⁴	\$1,000.. 869 656
Response coverage ratio ⁵	percent.. 72
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 73 928
Communications services ⁴	\$1,000.. 8 416
Legal services ⁴	\$1,000.. 8 312
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 3 269
Advertising and promotional services ⁴	\$1,000.. 30 322
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 7 102
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 7 112
Management consulting and administrative services ⁴	\$1,000.. 7 267
Taxes and license fees ⁴	\$1,000.. 31 373
All other expenses ⁴	\$1,000.. 692 556

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
311821, Cookie and cracker manufacturing											
All establishments	2	351	37 880	1 341 726	29 274	57 303	913 766	7 351 981	3 055 476	10 386 886	'220 051
Establishments with—											
1 to 4 employees	9	151	275	9 521	239	413	7 344	57 169	17 278	74 487	'1 540
5 to 9 employees	8	33	205	7 853	174	334	6 265	46 258	14 906	61 164	'1 452
10 to 19 employees	8	20	291	9 177	245	475	7 266	48 169	15 606	63 385	'1 283
20 to 49 employees	2	39	1 192	34 206	910	1 749	21 016	113 013	44 703	157 400	'9 884
50 to 99 employees	4	29	2 155	61 283	1 681	3 237	39 387	209 527	128 778	336 782	'13 247
100 to 249 employees	3	32	5 401	176 275	4 274	8 042	121 985	962 311	441 208	1 402 717	'27 849
250 to 499 employees	4	24	9 059	332 402	7 532	14 860	261 962	2 226 926	928 986	3 153 865	'74 118
500 to 999 employees	1	20	12 562	444 125	10 748	20 363	321 447	2 586 996	1 080 932	3 653 943	'54 511
1,000 to 2,499 employees	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more	—	1	h	D	D	D	D	D	D	D	D
Administrative records ⁴	9	154	475	15 652	373	685	11 597	94 132	29 506	123 616	'2 556

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
311821	Cookie and cracker manufacturing	351	37 880	1 341 726	29 274	57 303	913 766	7 351 981	3 055 476	10 386 886	'220 051
3118212	Crackers, biscuits, and related products	38	15 555	594 709	11 128	22 371	388 581	3 600 377	1 254 496	4 840 197	'95 388
3118214	Cookies, wafers, and ice cream cones and cups (except frozen) . . .	77	18 123	611 307	14 806	29 174	429 147	3 153 143	1 492 599	4 641 604	'107 048

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311821	Cookie and cracker manufacturing	2002.. N 1997.. N	X X	X X	9 351 041 8 322 533
3118212	Crackers, biscuits, and related products	2002.. N 1997.. N	X X	X X	3 583 753 N
31182121	Saltine crackers	2002.. N 1997.. N	X X	X X	715 832 N
3118212111	Saltine crackers mil lb.	2002.. 9 1997.. N	X X	540.4 N	715 832 N
31182122	Cracker sandwiches made from crackers produced in same plant	2002.. N 1997.. N	X X	X X	455 145 N
3118212221	Cracker sandwiches made from crackers produced in same plant mil lb.	2002.. 6 1997.. N	X X	381.7 N	455 145 N
31182123	All other crackers, cracker meal and crumbs, biscuits, and related products	2002.. N 1997.. N	X X	X X	2 412 776 N
3118212331	Graham crackers mil lb.	2002.. 8 1997.. N	X X	188.3 N	306 299 N
3118212341	Cracker meal and crumbs mil lb.	2002.. 6 1997.. N	X X	68.9 N	131 506 N
3118212391	Other crackers and related products (sponge, sprayed, low-sugar biscuits, melba toast, unsalted soda crackers, taco shells, etc.) mil lb.	2002.. 25 1997.. N	X X	966.5 N	1 974 971 N
3118212Y	Crackers, biscuits, and related products, nsk	2002.. N 1997.. N	X X	X X	— —
3118212YVV	Crackers, biscuits, and related products, nsk	2002.. N 1997.. N	X X	X X	— N
3118214	Cookies, wafers, and ice cream cones and cups (except frozen)	2002.. N 1997.. N	X X	X X	4 978 880 4 610 958
31182141	Sandwich cookies (except frozen), made from cookies made in same plant	2002.. N 1997.. N	X X	X X	1 066 010 773 250
3118214111	Sandwich cookies (except frozen), made from cookies made in same plant mil lb.	2002.. 17 1997.. 32	X X	754.4 691.4	1 066 010 773 250
31182142	Chocolate chip cookies (except frozen)	2002.. N 1997.. N	X X	X X	548 904 821 569
3118214221	Chocolate chip cookies (except frozen) mil lb.	2002.. 56 1997.. 95	X X	S 493.6	548 904 821 569
31182143	Marshmallow, creme-filled, and oatmeal cookies, wafers, toaster pastries, ice cream cones and cups (except frozen)	2002.. N 1997.. N	X X	X X	3 229 861 2 969 675
3118214331	Marshmallow cookies (except frozen) mil lb.	2002.. 6 1997.. 11	X X	43.9 45.0	61 308 60 278
3118214341	Creme-filled cookies (except frozen) mil lb.	2002.. 12 1997.. 25	X X	S 184.1	276 057 277 399
3118214351	Oatmeal cookies (except frozen) mil lb.	2002.. 47 1997.. 72	X X	174.3 160.5	229 221 226 206
3118214361	Other cookies and wafers (except frozen), excluding wafers for making ice cream sandwiches mil lb.	2002.. 92 1997.. 142	X X	S 1 305.5	2 028 983 1 871 690
3118214371	Toaster pastries (except frozen) mil lb.	2002.. 5 1997.. 8	X X	D 356.8	D D
3118214381	Wafers for making ice cream sandwiches (except frozen) mil lb.	2002.. 4 1997.. 5	X X	D D	D D
3118214391	Ice cream cones and cups (except frozen) millions.	2002.. 8 1997.. 9	X X	5 863.8 3 855.5	193 645 132 673
3118214Y	Cookies, wafers, and ice cream cones and cups (except frozen), nsk	2002.. N 1997.. N	X X	X X	134 105 46 464
3118214YVV	Cookies, wafers, and ice cream cones and cups (except frozen), nsk	2002.. N 1997.. N	X X	X X	134 105 46 464
311821W	Cookie and cracker manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	788 408 162 225
311821WY	Cookie and cracker manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	788 408 162 225
311821WYWW	Cookie and cracker manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	682 752 112 567
311821WYWY	Cookie and cracker manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	105 656 49 658

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3118212	Crackers, biscuits, and related products	
	United States..... 2002..	3 583 753
	..... 1997..	N
	Ohio 2002..	495 750
	..... 1997..	N
3118214	Cookies, wafers, and ice cream cones and cups (except frozen)	
	United States..... 2002..	4 978 880
	..... 1997..	4 610 958
	California 2002..	228 283
	..... 1997..	305 976
	Illinois 2002..	950 200
	..... 1997..	802 720
	New Jersey 2002..	440 142
	..... 1997..	379 274
	Ohio 2002..	431 823
	..... 1997..	394 479
	Oregon 2002..	111 276
	..... 1997..	77 865
	Pennsylvania 2002..	656 353
	..... 1997..	417 326
	Texas 2002..	32 939
	..... 1997..	46 139

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
311821	Cookie and cracker manufacturing		
00900001	Total materials	X	2 537 386
11114003	Wheat mil bushels	X	2 684 927
11119913	Oats mil bushels	D	D
11115003	Corn mil bushels	N	N
11119911	Barley mil bushels	N	N
11116000	Rice, rough mil lb.	N	N
11110003	Other grains (excluding wheat, oats, corn, barley, and rice (rough)) mil bushels	N	N
31121119	Corn grits 1,000 cwt.	S	1 459
31121121	Corn meal and flakes 1,000 cwt.	N	D
31121111	Wheat flour, white bread-type (excluding prepared mixes) mil lb.	N	N
31121109	Wheat flour, cake-type (excluding prepared mixes) mil lb.	62.8	1 139
31121103	Wheat flour, cookie and cracker-type (excluding prepared mixes) mil lb.	N	N
31122121	Wheat gluten mil lb.	S	58 436
31121105	Wheat flour, other (including whole wheat, and clear flour), excluding prepared mixes mil lb.	368.9	43 055
31100005	Prepared doughnut mixes, cake and yeast types mil lb.	48.9	5 797
31100007	Prepared bread mixes, including franchise mixes mil lb.	134.6	16 214
31100009	Prepared cake mixes mil lb.	329.7	263 446
31100011	Other prepared mixes, including sweetgoods mil lb.	3 014.7	334 072
31131001	Sugar, cane and beet (sugar solids) 1,000 s tons	P2.9	866
31131005	Sugar, cane and beet (sugar solids), excluding brown 1,000 s tons	1.8	1 438
31131009	Brown sugar, cane and beet (sugar solids) 1,000 s tons	329.7	39 377
31122111	Glucose syrup (corn syrup), conventional and regular (solids) mil lb.	250.8	31 397
31122103	High fructose corn syrup (HFCS) (solids) mil lb.	D	D
31100003	Other natural sweeteners (including dextrose, honey, molasses, and blends of corn sweeteners and sugar) (solids) mil lb.	D	D
32510057	Artificial sweeteners (solids) mil lb.	S	15 487
31120011	Shortening, vegetable (100 percent) mil lb.	P102.6	40 855
31100023	Shortening, animal and blends of animal and vegetable mil lb.	P156.4	43 018
31161115	Lard mil lb.	P3.7	4 293
31100025	Fats and oils, other (cooking oils, butter, margarine, puff paste, etc.) mil lb.	S	5 611
31199903	Compressed yeast mil lb.	658.4	179 595
31199905	Active dry yeast mil lb.	540.4	173 729
31141107	Frozen fruits mil lb.	S	5 408
31142305	Fruits and nuts, dried (including raisins) 1,000 cwt.	S	13 783
31142307	Raisins 1,000 cwt.	D	D
31142313	Fruits, dried (excluding raisins) 1,000 cwt.	P3.2	968
31191103	Nutmeats, dried and dehydrated 1,000 cwt.	P151.2	64 743
11100031	Nuts and nutmeats, raw 1,000 cwt.	P209.5	80 686
31134001	Glaze, candied and crystallized fruits, fruit peel, nuts, and other vegetable substances mil lb.	D	D
31142101	Jams, jellies and preserves, including fruit butter and maraschino cherries mil lb.	9.5	5 001
31199901	Eggs (liquid, dried, and frozen) (dry weight equivalent) mil lb.	3.1	2 783
31151305	Processed cheese mil lb.	S	2 848
31151405	Milk and milk replacers (dry milk, dry whey, blends, soy whey, etc.) mil lb.	-	49
31132001	Chocolate (compounds, cocoa, chocolate liquor, coatings, chocolate flavoring, etc.) mil lb.	D	D
33299901	Aluminum foil packaging products, converted or rolls and sheets mil lb.	S	18 841
001900A1	Packaging paper and plastics film, coated and laminated mil lb.	P.5	75 594
		80.9	5 434
		N	N
		D	D
		N	N
		73.4	7 446
		N	N
		S	27 492
		N	N
		3.2	2 302
		3.7	3 731
		78.0	67 004
		S	69 489
		P17.0	14 458
		P13.7	17 812
		P51.2	77 754
		45.1	81 403
		18.2	12 764
		P19.7	12 368
		P191.6	166 832
		178.1	141 079
		X	11 420
		X	13 283
		X	234 782
		X	249 111

See footnotes at end of table.

Table 7. Materials Consumed by Kind: 2002 and 1997—Con.

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
311821	Cookie and cracker manufacturing—Con.		
001900A3	Bags (plastics, foil, and coated paper)	X	39 806
	2002..	X	47 499
	1997..	X	15 182
32222401	Bags (uncoated paper and multiwall)	X	3 539
	2002..	X	347 973
	1997..	X	358 298
32221001	Paperboard containers, boxes, and corrugated paperboard	X	
	2002..	X	D
	1997..	X	N
32721301	Glass containers	X	
	2002..	X	270 042
	1997..	X	383 394
00970099	All other materials and components, parts, containers, and supplies	X	247 322
	2002..	X	179 768
	1997..	X	
00971000	Materials, ingredients, containers, and supplies, nsk	X	
	2002..	X	
	1997..	X	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p–10 to 19 percent estimated; q–20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.